

| Ref # | Hits | Search Query  | DBs                                    | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| L1    | 1    | johnson near platform   | US-PGPUB;<br>USPAT                     | OR               | OFF     | 2005/08/24 13:15 |
| L2    | 0    | (stewart near platform).ti.   | US-PGPUB;<br>USPAT                     | OR               | OFF     | 2005/08/24 13:15 |
| L3    | 39   | (parallel near kinematic) same platform   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | OFF     | 2005/08/24 13:44 |
| L4    | 157  | (parallel near kinematic)   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | OFF     | 2005/08/24 13:49 |
| L5    | 73   | L4 and @ad<"20020305"   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | OFF     | 2005/08/24 13:49 |
| L6    | 0    | (parallel near kinematic)   | IBM_TDB                                | OR               | OFF     | 2005/08/24 13:49 |
| L7    | 0    | stewart near platform   | IBM_TDB                                | OR               | OFF     | 2005/08/24 13:50 |
| S17   | 21   | "6132108".pn. "6077302".pn.<br>"6023574".pn. "6224249".pn.<br>"6081654".pn. "6044210".pn.<br>"5920491".pn. "5901072".pn.<br>"5623642".pn. "5297057".pn.<br>"5253189".pn. "5249151".pn.<br>"6161080".pn. "6063126".pn.<br>"5956500".pn. "5913955".pn.<br>"5654900".pn. "5163015".pn.<br>"20010032065" "20010020386"<br>"6178540".pn. | US-PGPUB;<br>USPAT                     | OR               | OFF     | 2005/08/22 10:55 |
| S18   | 246  | 703/8.ccls. and @ad<"20020305"  | US-PGPUB;<br>USPAT                     | OR               | OFF     | 2005/08/22 11:28 |
| S19   | 1478 | spring adj design   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | OFF     | 2005/08/22 11:28 |
| S20   | 1177 | S19 and @ad<"20020305"  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | OFF     | 2005/08/22 12:01 |
| S21   | 265  | S20 and torque  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | OFF     | 2005/08/22 12:59 |
| S22   | 1083 | measure near7 force\$1 and<br>measure near7 torque\$1   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | OFF     | 2005/08/22 13:00 |

|     |       |   |  |    |     |                  |
|-----|-------|---|--|----|-----|------------------|
| S23 | 828   | S22 and @ad<"20020305"                              | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | OFF | 2005/08/22 13:10 |
| S24 | 124   | S23 and model                                       | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | OFF | 2005/08/22 13:03 |
| S25 | 18    | S24 and suspension                                  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | OFF | 2005/08/22 13:03 |
| S26 | 334   | S23 and test\$3                                     | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | OFF | 2005/08/22 13:58 |
| S27 | 2     | "20030111309"                                       | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | OFF | 2005/08/22 17:53 |
| S28 | 153   | stewart adj platform                                | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | OFF | 2005/08/22 14:18 |
| S29 | 105   | S28 and @ad<"20020305"                              | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | OFF | 2005/08/22 15:05 |
| S30 | 41706 | marc  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | OFF | 2005/08/22 15:05 |
| S31 | 81115 | adams   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | OFF | 2005/08/22 15:05 |
| S32 | 52    | (stewart adj platform) and<br>(universal adj joint) | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | OFF | 2005/08/22 17:54 |
| S33 | 35    | S32 and @ad<"20020305"                              | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | OFF | 2005/08/22 18:21 |
| S34 | 2     | "5,656,905".pn.                                     | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | OFF | 2005/08/24 13:43 |

|     |      |   |  |    |     |                  |
|-----|------|---|--|----|-----|------------------|
| S35 | 2    | "5,797,191".pn.   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | OFF | 2005/08/22 18:53 |
| S37 | 1770 | spring and (side adj force)                                       | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | OFF | 2005/08/24 10:29 |
| S38 | 15   | S37 and variable near pitch                                       | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | OFF | 2005/08/24 10:30 |
| S39 | 2    | spring and (variable near pitch) and<br>(transverse near load\$3) | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | OFF | 2005/08/24 10:31 |
| S40 | 3    | spring and (variable near pitch) and<br>(lateral near load\$3)    | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | OFF | 2005/08/24 10:39 |
| S41 | 13   | spring and (variable near pitch) and<br>(side near load\$3)       | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | OFF | 2005/08/24 10:52 |
| S42 | 1721 | spring and (variable near pitch)                                  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | OFF | 2005/08/24 10:52 |
| S43 | 1498 | spring and (variable near pitch)                                  | US-PGPUB;<br>USPAT                     | OR | OFF | 2005/08/24 10:52 |
| S44 | 1290 | S43 and @ad<"20020305"  | US-PGPUB;<br>USPAT                     | OR | OFF | 2005/08/24 10:52 |
| S45 | 16   | S44 and spring.ti.  | US-PGPUB;<br>USPAT                     | OR | OFF | 2005/08/24 10:53 |
| S46 | 7    | S44 and side near load  | US-PGPUB;<br>USPAT                     | OR | OFF | 2005/08/24 13:07 |



spring "parallel kinematic"

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### The pride prototype: control layout of a parallel robot for assembly tasks.

LE Bruzzone, RM Molfino, M Zoppi, G Zurlo - 22 nd IASTED International Conference on Modelling, ..., 2003 - dimec.unige.it

... The end-effector acts as a three-dimensional **spring**- damper system, which ... approach to the design and selection of joints for **parallel kinematic** structures with ...

Cited by 2 - [View as HTML](#) - [Web Search](#) - [csa.com](#)

### Mechatronic design of a parallel robot for high-speed, impedance-controlled manipulation

LE Bruzzone, RM Molfino, M Zoppi - Proc. of the 11th Mediterranean Conference on Control and ..., 2003 - dimec.unige.it

... end-effector behaves like a three-dimensional **spring**- damper system ... Kinematics, 3rd Chemnitz Parallel Kinematics Seminar, 2002 **Parallel Kinematic** Machines Intl ...

Cited by 1 - [View as HTML](#) - [Web Search](#) - [dimec.unige.it](#) - [med.ee.nd.edu](#)

### Kinematic and dynamic synthesis of a parallel kinematic high speed drilling machine

R Katz, Z Li - International Journal of Machine Tools and Manufacture, 2004 - csa.com

... The paper is focused on the kinematic and dynamic synthesis of this **parallel kinematic** machine (PKM ... at reducing the input power of the PKM using a **spring** element ...

[Web Search](#) - [csa.com](#)

### DYNAMIC SYSTEM IDENTIFICATION OF PARALLEL KINEMATIC MACHINES By Michael

R. Heger and Gloria J. Wiens ...

MR Heger - cimar.me.ufl.edu

1 DYNAMIC SYSTEM IDENTIFICATION OF **PARALLEL KINEMATIC MACHINES** By ... As of to date, there has been limited research in the area of **parallel kinematic** machines. ...

[View as HTML](#) - [Web Search](#) - [me.ufl.edu](#) - [cimar.mae.ufl.edu](#)

### Modeling and model based performance prediction for parallel kinematic manipulators

JG Persson, K Andersson - md.kth.se

... 7. Conical-helical involute gear, axially **spring** preloaded for anti-backlash. ... Especially with the complex kinematic structure of **parallel kinematic** robots, a ...

[View as HTML](#) - [Web Search](#)

### Connection method for dynamic modelling and simulation of parallel kinematic mechanism (PKM) machines ...

Q Huang, H Hadeby, G Sohlenius - International Journal of Advanced Manufacturing Technology, 2002 - springerlink.com

... A **parallel kinematic** mechanism (PKM) machine, which is also called a parallel robot as ... can be generalised as one of three basic types: **spring**, damper, or mass. ...

[Web Search](#) - [csa.com](#)

### Parallel kinematic machine design with kinetostatic model

D Zhang; CM Gosselin - Robotica, 2002 - journals.cambridge.org

**Parallel kinematic** machine design with kinetostatic model ... if it is associated with a virtual joint, where  $k_i$  is the stiffness of the virtual **spring** located at ...

[Web Search](#) - [journals.cambridge.org](#) - [portal.acm.org](#) - [csa.com](#) - [all 7 versions »](#)

### Kinematic and dynamic analyses of a micro parallel-link mechanism

SS Kwak, JI Mou, SRS Huang - Microsystem Technologies, 2004 - springerlink.com

... The concept is based on rack-and-pinion actuation of **parallel kinematic** struts with ... The mo- vable comb can be supported by a flexible **spring**, and large motions ...

[Web Search](#) - [portal.acm.org](#)

**Robust adaptive control of a HexaSlide type parallel manipulator**JP Kim, SG Kim, J Ryu - Asia-Pacific Conference on Control and Measurement, 4 th, ..., 2000 - [ijcas.com](#)

... proposed control law is developed based on a simplified second order system dynamic

equation in joint space with uncertain mass, damper, **spring**, and Coulomb ...[View as HTML](#) - [Web Search](#) - [ijcas.com](#) - [dyconlab.kjist.ac.kr](#) - [csa.com](#)**Kinetostatic Modeling of N-DOF Parallel Mechanisms With a Passive Constraining Leg and Prismatic ...**D Zhang, CM Gosselin - Journal of Mechanical Design, 2001 - [link.aip.org](#)... joint, where is the stiffness of the virtual **spring** located at ... Machine Tool Family,"in Proceedings of Year 2000 **Parallel Kinematic** Machines International ...Cited by 3 - [Web Search](#) - [csa.com](#)

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[Global Asymptotic Stabilization of a Spinning Top With Torque.. - Wan \(1996\)](#) (Correct)

Isidori, Nonlinear Control Systems, 2nd edition, Springer-Verlag: Heidelberg, 1989. 10. H. K. Khalil, are inertially-fixed horizontal forces and the kinematic formulation was based on the 2-1-3 Euler and takes advantage of a new formulation for the kinematics of the rotational motion developed in [14] [www.ae.gatech.edu/people/tsiotras/Papers/dc96.ps.gz](http://www.ae.gatech.edu/people/tsiotras/Papers/dc96.ps.gz)

[Formulating 3D Contact Dynamics Problems - Mihai Anitescu](#) (Correct)

do not exhibit certain peculiarities (such as parallel edge-on-edge contact or excessive mutual constraints the contact points as well as the kinematic data needed to set up the dynamics equations Section 4 is concerned with determining the kinematic data of the contact constraint Section 5 [www.math.pitt.edu/~anitescu/PUBLICATIONS/contacte3.ps.Z](http://www.math.pitt.edu/~anitescu/PUBLICATIONS/contacte3.ps.Z)

[H1 Collaboration - Ti On](#) (Correct)

in the H1 laboratory frame. Abstract: 558 Parallel sessions: 5,7 Plenary sessions: 7,9 1 (stat.Sigma35 syst.pb is measured in the kinematic range 2 !Q 2 100 GeV 2 0:05 !y ! allowing a more accurate measurement over a wider kinematic range. 2 Event Selection The data were [www-h1.desy.de/h1/www/psfiles/confpap/vancouver98/abstracts/558-thompson-paper.ps](http://www-h1.desy.de/h1/www/psfiles/confpap/vancouver98/abstracts/558-thompson-paper.ps)

[Dis At Hera - Mario Martinez](#) (Correct)

Carlo generated events and are given for the kinematic region Q 2 100 GeV 2 The measured sections for the reaction ep !e jet X in the kinematic region defined by Q 2 125 GeV 2 have been are described by the predictions in the entire kinematic region studied. Figure 4: Measured differential zedy00.desy.de/conferences98/wmario.ps.gz

[Limit Cycle Control and its Application to the Animation.. - Laszlo, Panne, Fiume \(1996\)](#) (Correct) (15 citations)

ground is modelled using a penalty method. Stiff springs and dampers exert forces on a set of four points to model because of their inherent instability. Kinematic animation techniques can freely ignore such which are based on empirical data or on kinematic relationships. The work of [3] uses a mixed [www.dgp.utoronto.ca/people/van/limcycle.ps.gz](http://www.dgp.utoronto.ca/people/van/limcycle.ps.gz)

[Bruce Straub - Columbia University](#) (Correct)

is mediated by the exchange of a W boson. The kinematics of DIS reactions are described by two it was taken after the determination of the kinematic regions where excess event rates were observed cross sections are described in section 2. The kinematics and reconstruction methods used for DIS at HERA [www-zeus.desy.de/~ukatz/ZEUS\\_PUBLIC/hqex/procd/proc\\_bs\\_lp97.ps.gz](http://www-zeus.desy.de/~ukatz/ZEUS_PUBLIC/hqex/procd/proc_bs_lp97.ps.gz)

[Dynamic Analysis of Human Walking - Faure, Debunne, Cani-Gascuel, Multon \(1997\)](#) (Correct) (3 citations)

phase, swing phase, double stand, etc. Children parallel state machines describe the sub-cycles local to much skill since biomechanics analyses the kinematics of captured motion while simulators take the walking gaits. We first convert a priori kinematic knowledge on human walking described by [w3imagis.imag.fr/Publications/faure/HumanGaitAnalysis.ps.gz](http://w3imagis.imag.fr/Publications/faure/HumanGaitAnalysis.ps.gz)

[A Topology Based Approach For Exploiting Sparsity In Multibody.. - Dan Negrut \(1997\)](#) (Correct) (2 citations)

II: Stiff and Differential-Algebraic Problems, Springer-Verlag, Berlin [5] Harwell Subroutine Library, inertia matrix technique and to the degree of parallelism attainable with the new algorithm. 1 Reference frames for each successive body in the kinematic chain are defined in the same way as those for [ftp.cs.uiowa.edu/pub/comp\\_math\\_rep/report-94.ps.Z](http://ftp.cs.uiowa.edu/pub/comp_math_rep/report-94.ps.Z)

[Feedback Stabilization of Nonholonomic Systems in Presence of .. - Lizarralde, Wen \(1996\)](#) (Correct)

1994. 10] A. Isidori, Nonlinear Control Systems. Springer-Verlag, 1989. 11] J. Laumond, Controllability car orientation. The nominal control result for parallel parking is shown in Figure 3. The initial nonlinear systems with no drift, which include kinematic models of nonholonomic systems, there is a [brahma.coep.ufrj.br/~fernando/papers/icra96.ps](http://brahma.coep.ufrj.br/~fernando/papers/icra96.ps)

[A Dynamical Model of Context Dependencies for the.. - Coenen, Sejnowski \(1996\)](#) (Correct) (1 citation)

and head translation) We first describe a **kinematic** model of the VOR which relies solely on sensory of the VOR which can be described by the **kinematics** of the reflex, i.e. eye position, eye vergence head translation. 2 The Vestibulo-Ocular Reflex: **Kinematic** Model a Top View Head Semicircular Canals and ftp.cnl.salk.edu/pub/olivier/nips95.ps.Z

Motion Abstraction and Mapping with Spatial Constraints - Rama Bindiganavale (1998) (Correct) (14 citations)  
horizontal step position may be input to inverse **kinematics** procedures to keep the body from floating or optimization techniques [20, 24] to solve for the **kinematic** constraints imposed by the data itself. During sensors lie on the body. To generate the motions, **kinematic** constraints are established between the newly ftp.cis.upenn.edu/pub/graphics/rama/papers/mabstract.ps.gz

The Dynamic Servers Problem - Charikar, Halperin, Motwani (1998) (Correct) (3 citations)  
and the problem of dynamic maintenance of **kinematic** structures for applications in molecular structures and algorithms for the maintenance of **kinematic** structures, as described by Halperin, Latombe, in 3-dimensional space and hinged together in a **kinematic** structure. We model these objects as a graph theory.stanford.edu/people/rajeev/postscripts/servers.ps.gz

Crystal Barrel Collaboration A. Abele - Adomeit Amsler (Correct)  
the data are subjected to a series of **kinematic** fits. In a first step we impose energy and are kept. This sample is then submitted to a 6C **kinematic** fit to the hypothesis pp!0 0 2fl and pp!0 0 2fl and finally to a 7C **kinematic** fit to the hypothesis pp!0 0 j. www.phys.cmu.edu/cb/papers/Eta\_pi0\_pi0\_exotic.ps.gz

Steering Three-Input Chained Form Nonholonomic Systems.. - Bushnell, Tilbury.. (1993) (Correct) (2 citations)  
1992. 3] A. Isidori. Nonlinear Control Systems. SpringerVerlag, 2nd edition, 1989. 4] R. M. Murray and i 1) o 1 = j 1 (7) Figure 2: Trace of **Parallel** Parking Trajectory -2 0 2 4 6 8 -1.0 -0.5 0.0 of a nonholonomic system is introduced. The **kinematic** equations are derived and represented as a www-personal.engin.umich.edu/~tilbury/me662/caen/papers/ecc93.ps

Statically Stable Legged Locomotion with Leg Redundancy - Prattichizzo, Bicchi.. (Correct)  
trajectories are generated by inverting the **kinematics** of the legs. If the walking robot posses more planner and, by means of an optimizing inverse **kinematics** algorithm, generates related joint exactly,  $x(t) = f(q(t))$  being  $f(q)$  the direct **kinematic** relationship of the redundant robot whose 131.114.28.35/pub/papers/leg-iaisted.ps.Z

Autonomous Maneuvers of a Nonholonomic Vehicle - Paromtchik, Garnier, Laugier (1997) (Correct)  
autonomously perform lane following/changing and **parallel** parking maneuvers. Lane following/changing their autonomous abilities are being developed. A **kinematic** model of such a vehicle with front wheel between the wheels and the ground. This purely **kinematic** f q x y Figure 1. **Kinematic** model of a vehicle ftp.inrialpes.fr/pub/INRIA/projets/SHARP/publications/paromtchik:etal:iser:97.ps.gz

A Keck Hires Investigation Of The Metal Abundances And.. - Systems Toward (Correct)  
on QSO Absorption Lines, ed. G. Meylan, Berlin:Springer-Verlag)Vogt, S. S. 1992, in ESO Conf. and Hires Investigation Of The Metal Abundances And **Kinematics** Of Three Damped Lyff Systems Toward the two damped systems have vastly different **kinematic** characteristics. The  $z = 1.920$  system spans preprints.cern.ch/archive/electronic/astro-ph/9605/9605021.ps.gz

Resolved Photon and Rapidity Gap in Jet Events - Hung Jung (Correct)  
of present and future particle colliders opens a **kinematic** regime, where the observation of jet events by a logarithmic factor  $\ln(s=4m^2 e)$  In the **kinematic** regime of our interest ( $p_s \approx 300$  GeV) this pomeron is applicable. Notice that this **kinematic** regime differs from the previous gap event preprints.cern.ch/archive/electronic/hep-ph/9508/9508361.ps.gz

Interactive Solid Animation Using Linearized Displacement.. - Faure (1998) (Correct) (6 citations)  
time step. This perturbation acts much like damped **springs** applied to each constraint. This method has also applications to animation such as inverse **kinematics**, dynamics, along with first results in linearized geometric equation by writing it as a **kinematic** equation. Then we turn the non-square **kinematic** www.cg.tuwien.ac.at/~francois/Public/Work/papers/interactiveDyna.ps.gz

Measurement And Qcd-Analysis Of The Proton Structure Function - At Hera (Correct)  
energy  $p_s \approx 300$  GeV extends the accessible **kinematic** region in  $x$  and  $Q^2$  by two orders of experiments H1 and ZEUS allow an extension of the **kinematic** coverage towards very large values in the are the most precise data obtained by H1 in this **kinematic** region so far. The full line in Fig. 1 depicts www-h1.desy.de/psfiles/proceedings/louise-98fl.ps

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[Meaningless Terms in Rewriting - Richard Kennaway \(1996\) \(Correct\) \(12 citations\)](#)

Terms in Rewriting "ALP'96, LNCS 1139, **Springer-Verlag**, Berlin, 1996, 254-268. Meaningless from 'outside' by matching it against a proper non-**variable** subterm of a left-hand **side** (e.g. when one a proper non-**variable** subterm of a left-hand **side** (e.g. when one extracts from a term Cons(t t 0 ftp.cs.vu.nl/pub/papers/theory/IR-418.ps.Z

[Green's Function Methods in Heavy Ion Shielding - John Wilson \(1993\) \(Correct\)](#)

dE 0 e S j (E 0 22) and defining new field **variables** as /j (x r j) e S j (E)OE j (x E)23) G element through the sphere center to the opposite **side** of the sphere defines a cylinder through which techreports.larc.nasa.gov/pub/techreports/larc/93/tp3311.ps.Z

[A Neural Network Autoassociator for Induction.. - Petsche.. \(1996\) \(Correct\) \(7 citations\)](#)

the motor be tested only when it is driving a known **load**. Neither the human motor expert nor the existing Must Adapt To Or Factor Out The Effect Of Changing **Loads** On The Motor. Finally Since The Samms li Would that, for a single motor driving a variety of **loads**, it is possible to distinguish Table 1: **Loads** scr.siemens.com/pub/learning/Papers/petsche/motor-failure-prediction.ps

[Scalability in Distributed Multimedia Systems - Korkea-Aho \(1995\) \(Correct\)](#)

In The World Wide Web 60 Whose Replicas Are **Spread** Throughout The Internet. Furthermore The is one which continues to work even though some **variables** in the system vary, usually to a great extent. the client then waits for a reply. On the server **side**, the request header is parsed, the task denied by www.hut.fi/~mkorkeaa/thesis.ps.gz

[Evaluating High Level Parallel Programming Support .. - Chien, Dolby.. \(Correct\) \(3 citations\)](#)

New Haven, Connecticut, 1992. YALEU/DCS/RR-915, **Springer-Verlag** Lecture Notes in Computer Science, remaining fundamental concerns -data locality and **load** balance -much easier. These two require to express application specific data locality and **load** balance, the orthogonal framework for www-csag.ucsd.edu/papers/csag/external/iscope.ps

[Synchronization of Multimedia Streams in Distributed.. - Stoica, Abdel-Wahab, Maly \(1997\) \(Correct\) \(1 citation\)](#)

processing, buffering)may introduce a **variable** skew between the times when the frames actually best-effort system. First, we show how the **load** variation at the source may lead to an erroneous that is robust in the presence of network and CPU **load** variations, and extend it for the general case of www.cs.odu.edu/~techrep/techreports/TR\_97\_19.ps.Z

[Reasoning about Action in First-Order Logic - Elkan \(1992\) \(Correct\) \(29 citations\)](#)

from an example. In Working Notes of the AAAI **Spring** Symposium on Logical Formalizations of an instance of any of its left- or right-hand-**side** conjuncts becomes true or false. If anything, objects, a person Fred and a gun, three fluents, **loaded**, **alive**, and **dead**, and three actions, **load**, **wait**, www-cse.ucsd.edu/~elkan/papers/cscsi92.ps

[Scalable Consistency Protocols for Distributed Services - Ahamad, Kordale \(1999\) \(Correct\) \(3 citations\)](#)

hierarchy of local area and wide area networks and **spread** across several metropolitan areas. This study and write-fault events are shown at the client **side**. When a client experiences an access miss or fault based consistency protocol along the system **load** and geographic distribution dimensions of scale. www.cc.gatech.edu/fac/Mustaque.Ahamad/pubs/scalable.ps

[The Performance Potential of Data Dependence Speculation Collapsing - Sazeides \(1996\) \(Correct\) \(5 citations\)](#)

demonstrate stride behavior. ffl On the positive **side**, the percentage of incorrect predictions is very is used to eliminate address generation-**load** dependences. This is enabled by address prediction This is enabled by address prediction that permits **load** instructions to proceed speculatively without einstein.et.tudelft.nl/~stamatis/pubs/confps/micro29.96.ps



On Adaptive Non-Linear Shell Analysis - Mathisen, Tiller, Okstad.. (1998) (Correct)

be obtained by smoothing of the FE quantities. The **SPR**-method by Zienkiewicz and Zhu 24 has become the that directly follow the transfer of solution **variables** after a mesh refinement, where we do not know material tensor. The second term in the right hand **side** of (8) represents the geometric stiffness and [www.sima.sintef.no/~kmo/reports/WCCM\\_IVb.ps.gz](http://www.sima.sintef.no/~kmo/reports/WCCM_IVb.ps.gz)

Autoscheduling in a Distributed Shared-Memory Environment - Jos'e Moreira (1994) (Correct) (8 citations)

of N instances of this HTG. An HTG may have local **variables**, which can be accessed by any task in the HTG, in the physical partition, achieving better **load** balance than purely static schemes. We present the support our main thesis: With minimal control, the **load** balancing and resource utilization advantages [ftp.csrd.uiuc.edu/pub/CSRD\\_Reports/reports/1373.ps.gz](http://ftp.csrd.uiuc.edu/pub/CSRD_Reports/reports/1373.ps.gz)

The Comfort Automatic Tuning Project - Weikum, al. (1994) (Correct) (14 citations)

length, that is, the same number of lock requests **spread** evenly over the transaction execution. Under times are usually not regular, but are random **variables** that are generated by some stochastic process. by bookkeeping costs as one could think, but, as a "**side effect**"K=2 also minimizes the storage overhead [paris.cs.uni-sb.de/public\\_html/papers/infosys2.ps.Z](http://paris.cs.uni-sb.de/public_html/papers/infosys2.ps.Z)

On Partitioning Dynamic Adaptive Grid Hierarchies - Manish Parashar (1996) (Correct) (22 citations)

Dec. 1995. 6] Hans Sagan, Space-Filling Curves, **Springer-Verlag**, 1994. 7] Manish Parashar and James C. computationally efficient runtime partitioning and **load**-balancing scheme for the Distributed Adaptive Grid Further, it enables dynamic re-partitioning and **load**balancing of the adaptive grid hierarchy to be [www.cs.utexas.edu/users/dagh/.IPapers/hicss.ps](http://www.cs.utexas.edu/users/dagh/.IPapers/hicss.ps)

Load Balance Properties of Distributed Data Layouts for.. - Milind Buddhikot (1995) (Correct)

for publication in the Special Issue of ACM/**Springer** Multimedia Systems Journal. 10] Chang, Ed, length in terms of playout duration. In case of a **Variable** Bit Rate (vbr) video such as mpeg video, a chunk **Load** Balance Properties of Distributed Data Layouts [www.cs.wustl.edu/cs/techreports/1995/wucs-95-32.ps.Z](http://www.cs.wustl.edu/cs/techreports/1995/wucs-95-32.ps.Z)

Practical Algorithms for Selection on Coarse-Grained.. - Ibraheem Al-Furiah (Correct)

Algorithms and Computation, Beijing, China, 1994, **Springer-Verlag** Lecture Notes in CS 834, 92-100. 18] S. elements (I j) 1 and I j) 2 )lie on one **side** of the element with rank k j) thus causing an selection. We also consider several algorithms for **load** balancing needed to keep a balanced distribution [ftp.npac.syr.edu/pub/docs/sccs/papers/ps/0700/sccs-0743.ps.Z](http://ftp.npac.syr.edu/pub/docs/sccs/papers/ps/0700/sccs-0743.ps.Z)

Access Order and Memory-Conscious Cache Utilization - McKee, Wulf (1995) (Correct) (2 citations)

782 (PLSA, Zurich, Switzerland, March 1994)**Springer** Verlag, 1994. 26] McMahon, F.H.The schemes: naive ordering, or using caching **loads** to access vector elements in the natural order of computation streaming elements using non-caching **loads**, and then copying them to cache [ftp.cs.virginia.edu/pub/techreports/CS-94-10.ps.Z](http://ftp.cs.virginia.edu/pub/techreports/CS-94-10.ps.Z)

Pthreads for Dynamic Parallelism - Narlikar, Blleloch (1998) (Correct)

1993. Intel Corp. and the Portland Group, Inc.**Springer-Verlag**. 14] Rohit Chandra, Anoop Gupta, and functionality, which includes locks and condition **variables**. We modify an existing native Pthreads library onto the processors and effectively balances the **load**. However, unless the threads scheduler is designed [reports-archive.adm.cs.cmu.edu/anon/1998/CMU-CS-98-114.ps](http://reports-archive.adm.cs.cmu.edu/anon/1998/CMU-CS-98-114.ps)

Scheduling Fine-Grained Distributed Simulations in Wide-Area.. - Weissman, Jiang (Correct)

means that machine resources may suffer dynamic **load** fluctuations or may be added or removed during the In addition to chunk size, there is the issue of **load** balancing vs. **load** sharing. Task synchronous size, there is the issue of **load** balancing vs. **load** sharing. Task synchronous applications require a [ringer.cs.utsa.edu/faculty/jon/.papers/gsim.ps.Z](http://ringer.cs.utsa.edu/faculty/jon/.papers/gsim.ps.Z)

A Highly Available, Scalable ITV System - Nelson, Linton, Owicki (1995) (Correct) (4 citations)

distributed objects architecture, similar to **Spring**[1]We have extended a standard name service into client programs, read from environment **variables**, or determined in some idiosyncratic way. It interface file to generate the client and server-side stubs. 3. Run a tool that creates a skeleton [www.star-lab.com/owicki/papers/itv.ps](http://www.star-lab.com/owicki/papers/itv.ps)

Definite Descriptions and the Dynamics of Mental States - Poesio (1993) (Correct) (1 citation)

in task-oriented dialogues. In Working Notes AAAI **Spring** Symposium on Reasoning about Mental States: 2 In (2)as in the rest of the paper, I use **variables** with an `e' suffix like e or ce to denote and send that off to Corning 13.5 now while we're **loading** that boxcar with oranges at Corning, 13.6 we're [ftp.cogsci.ed.ac.uk/pub/poesio/AAAI\\_spring\\_93.ps.gz](http://ftp.cogsci.ed.ac.uk/pub/poesio/AAAI_spring_93.ps.gz)



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## » Key

IEEE JNL IEEE Journal or Magazine

IEEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

## Select Article Information

- ☐ 1. **Kinematic calibration on a parallel kinematic machine tool of the Stewart circular tests**  
 Ibaraki, S.; Yokawa, T.; Kakino, Y.; Nakagawa, M.; Matsushita, T.;  
 American Control Conference, 2004. Proceedings of the 2004  
 Volume 2, 30 June-2 July 2004 Page(s):1394 - 1399 vol.2  
[AbstractPlus](#) | Full Text: [PDF](#)(756 KB) IEEE CNF
- ☐ 2. **Stiffness estimation of a tripod-based parallel kinematic machine**  
 Tian Huang; Xingyu Zhao; Whitehouse, D.J.;  
 Robotics and Automation, IEEE Transactions on  
 Volume 18, Issue 1, Feb. 2002 Page(s):50 - 58  
 Digital Object Identifier 10.1109/70.988974  
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(377 KB) IEEE JNL
- ☐ 3. **A new method for tuning PID parameters of a 3 DoF reconfigurable parallel machine**  
 Yang Zhiyong; Huang Tian;  
 Robotics and Automation, 2004. Proceedings. ICRA '04. 2004 IEEE International  
 Volume 3, Apr 26-May 1, 2004 Page(s):2249 - 2254 Vol.3  
 Digital Object Identifier 10.1109/ROBOT.2004.1307396  
[AbstractPlus](#) | Full Text: [PDF](#)(448 KB) IEEE CNF
- ☐ 4. **Analysis and simplification of the rigid body dynamic model for a 6-UPS parallel kinematic machine under the uniform motion condition**  
 Zhang Lixin; Wang Jinsong; Wang Liping;  
 Robotics, Intelligent Systems and Signal Processing, 2003. Proceedings. 2003  
 International Conference on  
 Volume 2, 8-13 Oct. 2003 Page(s):980 - 985 vol.2  
 Digital Object Identifier 10.1109/RISSP.2003.1285721  
[AbstractPlus](#) | Full Text: [PDF](#)(572 KB) IEEE CNF
- ☐ 5. **Stiffness analysis of a Stewart platform-based parallel kinematic machine**  
 Yu-Wen Li; Jin-Song Wang; Li-Ping Wang;  
 Robotics and Automation, 2002. Proceedings. ICRA '02. IEEE International Conference on  
 Volume 4, 11-15 May 2002 Page(s):3672 - 3677 vol.4  
 Digital Object Identifier 10.1109/ROBOT.2002.1014280  
[AbstractPlus](#) | Full Text: [PDF](#)(551 KB) IEEE CNF
- ☐ 6. **Stiffness estimation of a tripod-based parallel kinematic machine**  
 Huang, T.; Mei, M.P.; Zhao, X.Y.; Zhou, L.H.; Zhang, D.W.; Zeng, Z.P.; Whitehouse, D.J.;  
 Robotics and Automation, 2001. Proceedings. 2001 ICRA. IEEE International Conference on

Volume 4, 2001 Page(s):3280 - 3285 vol.4  
 Digital Object Identifier 10.1109/ROBOT.2001.933124  
[AbstractPlus](#) | Full Text: [PDF\(452 KB\)](#) IEEE CNF

7. **Parallel kinematic machines for an application in shoes manufacturing: the design to the first experimental campaign**  
 Molinari-Tosatti, L.; Fassi, I.;  
 Intelligent Robots and Systems, 2001. Proceedings. 2001 IEEE/RSJ International Conference on  
 Volume 1, 29 Oct.-3 Nov. 2001 Page(s):433 - 438 vol.1  
 Digital Object Identifier 10.1109/IROS.2001.973395  
[AbstractPlus](#) | Full Text: [PDF\(559 KB\)](#) IEEE CNF
8. **Real-time force optimization in parallel kinematic chains under inequality**  
 Nahon, M.A.; Angeles, J.;  
 Robotics and Automation, IEEE Transactions on  
 Volume 8, Issue 4, Aug. 1992 Page(s):439 - 450  
 Digital Object Identifier 10.1109/70.149943  
[AbstractPlus](#) | Full Text: [PDF\(940 KB\)](#) IEEE JNL
9. **Kinematic analysis of a Stewart platform manipulator**  
 Liu, K.; Fitzgerald, J.M.; Lewis, F.L.;  
 Industrial Electronics, IEEE Transactions on  
 Volume 40, Issue 2, April 1993 Page(s):282 - 293  
 Digital Object Identifier 10.1109/41.222651  
[AbstractPlus](#) | Full Text: [PDF\(872 KB\)](#) IEEE JNL
10. **Kinematic modeling of four-point walking patterns in paraplegic subjects**  
 Zefran, M.; Bajd, T.; Kralj, A.;  
 Systems, Man and Cybernetics, Part A, IEEE Transactions on  
 Volume 26, Issue 6, Nov. 1996 Page(s):760 - 770  
 Digital Object Identifier 10.1109/3468.541336  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(1396 KB\)](#) IEEE JNL
11. **Optimized binary modular reconfigurable robotic devices**  
 Hafez, M.; Lichter, M.D.; Dubowsky, S.;  
 Mechatronics, IEEE/ASME Transactions on  
 Volume 8, Issue 1, March 2003 Page(s):18 - 25  
 Digital Object Identifier 10.1109/TMECH.2003.809156  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(1175 KB\)](#) IEEE JNL
12. **Type synthesis of 3T1R 4-DOF parallel manipulators based on screw theory**  
 Xianwen Kong; Gosselin, C.M.;  
 Robotics and Automation, IEEE Transactions on  
 Volume 20, Issue 2, April 2004 Page(s):181 - 190  
 Digital Object Identifier 10.1109/TRA.2003.820853  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(400 KB\)](#) IEEE JNL
13. **Universal communication architecture for high-dynamic robot systems using fuzzy logic**  
 Kohn, N.; Varchmin, J.-U.; Steiner, J.; Goltz, U.;  
 Control, Automation, Robotics and Vision Conference, 2004. ICARCV 2004. 8th IEEE International  
 Volume 1, 6-9 Dec. 2004 Page(s):205 - 210 Vol. 1  
 Digital Object Identifier 10.1109/ICARCV.2004.1468823  
[AbstractPlus](#) | Full Text: [PDF\(344 KB\)](#) IEEE CNF
14. **Research on combined framework and measurement design of parallel kinematic machines (PKM) digital prototyping**  
 Fan Zhang; Zhe Yin; Liwen Guan; Liping Wang;  
 Systems, Man and Cybernetics, 2004 IEEE International Conference on  
 Volume 5, 10-13 Oct. 2004 Page(s):4389 - 4393 vol.5  
 Digital Object Identifier 10.1109/ICSMC.2004.1401222  
[AbstractPlus](#) | Full Text: [PDF\(652 KB\)](#) IEEE CNF

- 15. **A high performance 6-DOF haptic Cobot**  
 Faulring, E.L.; Colgate, J.E.; Peshkin, M.A.;  
 Robotics and Automation, 2004. Proceedings. ICRA '04. 2004 IEEE International Conference on  
 Volume 2, Apr 26-May 1, 2004 Page(s):1980 - 1985 Vol.2  
 Digital Object Identifier 10.1109/ROBOT.2004.1308114  
[AbstractPlus](#) | Full Text: [PDF\(576 KB\)](#) IEEE CNF
- 16. **The measurement of kinematic accuracy for various configurations of parallel manipulators**  
 Tiemin Li; Peiqing Ye;  
 Systems, Man and Cybernetics, 2003. IEEE International Conference on  
 Volume 2, 5-8 Oct. 2003 Page(s):1122 - 1129 vol.2  
[AbstractPlus](#) | Full Text: [PDF\(555 KB\)](#) IEEE CNF
- 17. **Identifiability of geometric parameters of 6-DOF PKM systems using a minimum pose error data**  
 Tian Huang; Jinsong Wang; Chetwynd, D.G.; Whitehouse, D.J.;  
 Robotics and Automation, 2003. Proceedings. ICRA '03. IEEE International Conference on  
 Volume 2, 14-19 Sept. 2003 Page(s):1863 - 1868 vol.2  
 Digital Object Identifier 10.1109/ROBOT.2003.1241866  
[AbstractPlus](#) | Full Text: [PDF\(403 KB\)](#) IEEE CNF
- 18. **Design of a redundantly actuated leg mechanism**  
 Byung Rok, So.; Byung-Ju, Yi.; Wheekuk, Kim.; Sang-Rok, Oh.; Jongil, Park.;  
 Robotics and Automation, 2003. Proceedings. ICRA '03. IEEE International Conference on  
 Volume 3, 14-19 Sept. 2003 Page(s):4348 - 4353 vol.3  
 Digital Object Identifier 10.1109/ROBOT.2003.1242273  
[AbstractPlus](#) | Full Text: [PDF\(396 KB\)](#) IEEE CNF
- 19. **Twice: a tilting angle amplification system for parallel robots**  
 Krut, S.; Company, O.; Marquet, F.; Pierrot, F.;  
 Robotics and Automation, 2002. Proceedings. ICRA '02. IEEE International Conference on  
 Volume 4, 11-15 May 2002 Page(s):4108 - 4113 vol.4  
 Digital Object Identifier 10.1109/ROBOT.2002.1014388  
[AbstractPlus](#) | Full Text: [PDF\(542 KB\)](#) IEEE CNF
- 20. **Kinematically dual manipulators**  
 Bruyninckx, H.;  
 Robotics and Automation, 1999. Proceedings. 1999 IEEE International Conference on  
 Volume 2, 10-15 May 1999 Page(s):1194 - 1199 vol.2  
 Digital Object Identifier 10.1109/ROBOT.1999.772524  
[AbstractPlus](#) | Full Text: [PDF\(420 KB\)](#) IEEE CNF
- 21. **Parallel kinematics and PC-based control system for machine tools**  
 Pritschow, G.; Tran, T.L.;  
 Decision and Control, 1998. Proceedings of the 37th IEEE Conference on  
 Volume 3, 16-18 Dec. 1998 Page(s):2605 - 2610 vol.3  
 Digital Object Identifier 10.1109/CDC.1998.757844  
[AbstractPlus](#) | Full Text: [PDF\(468 KB\)](#) IEEE CNF
- 22. **Real-time force optimization in parallel kinematic chains under inequality constraints**  
 Nahon, M.; Angeles, J.;  
 Robotics and Automation, 1991. Proceedings., 1991 IEEE International Conference on  
 9-11 April 1991 Page(s):2198 - 2203 vol.3  
 Digital Object Identifier 10.1109/ROBOT.1991.131956  
[AbstractPlus](#) | Full Text: [PDF\(552 KB\)](#) IEEE CNF
- 23. **Conceptual design and dimensional synthesis for a 3-DOF module of the novel 5-DOF reconfigurable hybrid robot**  
 Huang, T.; Li, M.; Zhao, X.M.; Mei, J.P.; Chetwynd, D.G.; Hu, S.J.;  
 Robotics, IEEE Transactions on [see also Robotics and Automation, IEEE Transactions on]

Volume 21, Issue 3, June 2005 Page(s):449 - 456

Digital Object Identifier 10.1109/TRO.2004.840908

[AbstractPlus](#) | Full Text: [PDF](#)(640 KB) IEEE JNL

24. **Measurement of the axial forces and rotation torques in case of hexapod tools**

Popescu, D.;

Advanced Motion Control, 2002. 7th International Workshop on

3-5 July 2002 Page(s):275 - 278

Digital Object Identifier 10.1109/AMC.2002.1026930

[AbstractPlus](#) | Full Text: [PDF](#)(401 KB) IEEE CNF

25. **Micropositioners for microscopy applications based on the stick-slip effect**

Bergander, A.; Breguet, J.-M.; Schmitt, C.; Clavel, R.;

Micromechatronics and Human Science, 2000. MHS 2000. Proceedings of 2000 Symposium on

22-25 Oct. 2000 Page(s):213 - 216

Digital Object Identifier 10.1109/MHS.2000.903315

[AbstractPlus](#) | Full Text: [PDF](#)(464 KB) IEEE CNF



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